

# BERLO

## Solar-powered watches

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### User Guide

Berlo wristwatches are made to serve you as well as our planet.

This guide helps you discover all features and recommended upkeep of the Uprise collection watches and accessories.

## UPRISE Collection

Thank you for choosing a Berlo watch – designed for comfort as much as versatility. To ensure that your watch keeps serving you well for many years to come, please follow the recommendations and guidelines below.

### Dial and functions



1. Hour hand
2. Second hand
3. Minute hand
4. Screw-down crown (Positions A, B, C and D)
  - Position A – screwed down;
  - Position B – unscrewed, not pulled out;
  - Position C – unscrewed, pulled out 1st click – instant date change;
  - Position D – unscrewed, pulled out 2nd click – for adjusting the time (winding).
5. Date window.

### Back case



## Settings

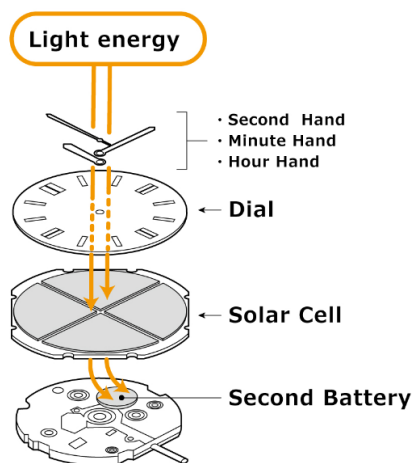
To start with, please charge your watch before using it the first time. You will find the guidelines on how to do it in the Recharging section further on.

To set the date, you must first unscrew the crown (Position B), then pull out to 1st click (Position C). Turn the crown upwards to adjust the date number.

To set the time, pull the crown out once more (Position D) – the second hand will stop, then turn it either way to adjust the time. Once the time is synchronized, push the crown all the way in (Position B), then screw it back down, and make sure it's set into place (Position A).

Important: After every adjustment, the crown must be screwed back down entirely to maintain the water-resistance of the watch.

## Technical functions



There's a solar cell underneath the dial converting any form of light into electrical energy and storing the power in a secondary battery.

- **Solar cell type:** Amorphous Silicon Solar Cell
- **Secondary battery:** TS Lithium Rechargeable Battery
- **Expected running time:** from full charge to stoppage: ~6 months.
- **Accuracy:**  $\pm 20$  seconds per month (on the wrist)
- **Driving Voltage:** 1.35V
- **Power depletion warning function:** the second hand moves at 2-second intervals when voltage is as low as 1.10V. When this occurs, the watch will keep running for a maximum of 1 day, unless exposed to a light source.
- **Operation stopping voltage:** 1.0V
- **Quick start function:** the watch will start running within a few seconds of exposure to light more than 1000Lx (e.g. fluorescent lamp 30W/ 70cm, etc.).
- **Glass:** sapphire crystal
- **Quick-release straps:** press the pin inwards to retract the spring-loaded bar and pop it into (or out) of the holes between lugs.



## Recharging

Charging time guidelines as per below:

Illumination (LX)	Light source	Environment	A (~Hours)	B (~Hours)	C (~Minutes)
700	A fluorescent lamp	Indoors	-	33	47
3 000		30W/20cm	47	8	15
10 000	Sunlight	Cloudy	13	2	4
100 000		Clear skies	5	42 min	1

When charging the watch, do not place it too close to a fluorescent lamp or other light sources and do not leave in direct sunlight outside or on heated surfaces (windowsill, stone surfaces, etc.) for longer than recommended, as the watch temperature will become extremely high, causing damage to the inner parts.

It's best to charge it near a window where there's plenty of natural light, but your watch is out of direct sun rays. And if you use a lamp, keep the light bulb at least 20 cm away from the watch head.

Pay attention not to touch and scratch the surface of the solar cell.

Only use a rechargeable battery. **Warning:** if a regular silver oxide battery is accidentally inserted and charged, there is a possibility of battery explosion.

With proper upkeep, the solar battery can last up to 10 years. Contaminated parts or degraded oils may extend recharging time. Overall, the recharging efficiency or the battery's capacity to store energy may deteriorate over time depending on how the watch is used.

## Care and maintenance

### Water resistance

Berlo watches are designed to withstand the pressure of up to 20 bar (~200m/660ft).

A watch cannot be guaranteed an absolute water-resistance throughout all its life. It can be affected by the aging of the gaskets. Aging is accelerated if the watch is deformed or subjected to accidental shocks.

- Do not swim or rinse your watch if the crown is unscrewed. Always double check it's screwed all the way down.
- Do not turn the crown or adjust any features while swimming or rinsing your watch, or while it's still wet.
- Do not place your watch directly under running water. The pressure may be enough to penetrate the seal.

### Cleaning of stainless steel parts

- Use a soft material cloth to wipe off moisture, sweat, or dirt to ensure the case, gaskets, and bracelets last longer.
- Do not expose your watch to chemicals (bleach, perfumes,

cosmetics, detergents, etc.). This can ruin the plating and accelerate watch part deterioration.

- Rinse your watch in still, fresh water (filled sink or a bowl) after swimming in salt water, and dry it with a soft material cloth.

### Cactus vegan leather straps – *Desserto*

This material is highly organic, and requires special care.

- Use only water based cleaners. Solvents such as alcohol, acetone, paint thinner, bleach, oils, vinegar, waxes, silicones, soda, or detergent cleaners can cause permanent damage to the material. The best option is a mild soap solution and a white, soft cotton cloth. Lighter colors may require more frequent cleaning.
- Clean any spills as soon as possible especially if the liquid has a strong color to prevent staining (e.g. wine or coffee). Avoid contact with tanning oils and creams.
- Berlo does not assume any responsibility for the duration of the material and/or its colour if the use instructions have not been followed.

### Vulcanized rubber straps

We recommend wearing FKM rubber straps for any sports and outdoor activities. This material has high temperature resistance, water resistance, and excellent tensile and tear resistance.

- Avoid contact with corrosive liquids.
- Store in a well ventilated place.
- Can be wiped with an alcohol solution to clean. Lighter colors may require more frequent cleaning.

### Special conditions

- Steam, soap and increased temperature speed up the deterioration of watch parts and water resistance.
- Do not expose your watch to sudden temperature changes (e.g. exposure to sunlight followed by immersion in cold water, etc.) or extreme temperatures (over 60°C (140°F) or below 0°C (32°F) as it affects watch functions. Under no circumstance should you wear your watch in a bath, sauna, jacuzzi, etc.
- A watch is a high-precision device and some of its components are sensitive to sudden shocks. Do not

put weight or apply pressure to your watch, or drop it on hard surfaces.

- Do not expose your solar watch to intense magnetic fields (refrigerators, speakers, electromagnetic devices, etc.).
- The crown has to be turned from time to time to prevent corrosion and maintain the flexibility of the gasket. When you're done, screw the crown down with care and make sure it's properly closed to ensure no moisture gets in.

Generally, we recommend that you have your watch serviced every 3 to 4 years by a professional and registered watch service provider. Please keep in mind that, depending on the climate and usage habits, a shorter interval may be required. E.g. If you're a frequent swimmer, diver, kitesurfer, etc., we recommend checking it once a year to ensure proper functionality.

Any damage resulting from an unprofessionally serviced watch is not covered by warranty.

To enjoy the highest standards of service and to ensure your warranty remains valid, please contact us prior to any servicing at [info@berlo.club](mailto:info@berlo.club).

## Disposal and recycling information\*



This symbol indicates that your Berlo watch and/or battery should not be disposed of with household waste.

Dispose of your Berlo watch and/or battery in accordance with local environmental laws and guidelines – when this product reaches its end of life, take it to a collection point designated by local authorities.

This procedure helps conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.



This symbol indicates that these products have been assessed and meet the EU safety, health and environmental requirements.



PLEASE RECYCLE

All paper parts of the packaging (boxes and gift bags) are recyclable in correspondence with local programs in your country.



This product has been tested and complies with the Federal Communications Commission's (FCC) mark compliance rules for radio frequency devices: [EMC - FCC] Title 47CFR Part 15.

*\* Valid in the European Union member states and other countries with comparable legislation.*

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